

PM-100™ Z

GRANULAR FILTRATION MEDIA

DESCRIPTION

A proprietary granular filtration media that adsorbs oil, similar organics, and metals from water. PM-100™ Z contains active sorbent and minerals allowing superior water flow and excellent adsorption kinetics.

APPLICATIONS

- Pump and treat filtration

BENEFITS

- Lowers overall operating cost relative to utilizing activated carbon
- As a pre-treatment, extends life and absorbency of activated carbon by removal of larger molecular organics
- Accommodates increases in flow rates and contaminant concentration levels
- Provides a "fail-safe" method to prevent oil contamination
- Non-hazardous
- Operates in standalone mode for treatment of oil contaminated waters or stream condensates

INSTALLATION

- Influent waste stream must be free of suspended solids
- Load the vessel with a minimum of 2 ft (0.6 m) of PM-100 Z
- Leave a minimum of 15% - 20% head space to allow for expansion of media during back flush
- Fill the vessel with freshwater and back flush vessel (up-flow) for 30 ± 2 minutes to remove fines and eliminate entrained air from the bed
- After back flush, do not drain vessel. The vessel is now ready for down flow operation.

EQUIPMENT

Liquid Filtration Vessels with under-drainage systems (laterals or screens should be smaller than 0.0165 inches [0.42 mm])



PACKAGING

- 50 lb bags
- 2,000 lb bags

TECHNICAL SPECIFICATIONS	
CHARACTERISTICS	
Appearance	Tan Granules
Specific Gravity	2.3 - 2.5
Bulk Density	54 - 56 lbs/ft ³
BTU Value of Spent Media	> 2,000 BTU/lb
Solubility in Water	Negligible
Melting Point	1400°F
PARTICLE	
Micron	500 - 1,000

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